

SEQUENCE LISTING

<110> Mad Arif, Siti Arija
Chew, Nyu Ping
Yeang, Hoong Yeet

<120> ALLERGENIC LATEX PROTEIN

<130> SIRIM-007XX

<150> PI 20030734

<151> 2003-02-28

<160> 8

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1394

<212> DNA

<213> Hevea brasiliensis

<400> 1

acgcgggggc	gttaaacactt	ggtttttgc	tccacttcat	ggagttccct	gaaaccaata	60
acaaccctat	catcactctc	tctttcttat	tatgcatgct	ttccctagct	tatgcttccg	120
aaacctgtga	ttttccagca	atctttaact	tcggcgactc	caattccgat	accggtggca	180
aggcagctgc	cttttatcct	cttaaccctc	cttatggaga	gactttcttt	cacaggctga	240
caggaaggta	ctctgatgga	aggctcataa	tagattttat	cgccgagagt	ttcaatctcc	300
catatctgag	tccatatctt	agttccctgg	gaagcaactt	caaacatggg	gcagattttg	360
ccacagcagg	atccaccatt	aaactaccaa	ctactattat	acctgctcat	ggaggattta	420
gtccattcta	ccttgatgtc	caatattcgc	aattccggca	attcataccc	agatcacagt	480
ttatcaggga	aactggaggc	atatttgctg	aattgggtgcc	cgaggaatat	tattttgaga	540
aagctttata	cacattcgat	attgggtcaaa	atgatcttac	agaaggattc	ttgaacttaa	600
ctgtggaaga	agtgaatgca	actgtccctg	atcttgatga	tagcttctca	gcaaacgtta	660
agaaaatata	cgatttgagg	gctagaacat	tttgatttca	caacacagga	ccaattgggt	720
gtctttcatt	cattttaacg	tattttccct	gggcagaaaa	ggatagtga	ggctgtgcaa	780
aagcttataa	tgaagttgct	cagcatttta	atcacaagtt	gaaggagatc	gttgctcaac	840
tcaggaagga	tttgccctta	gctacattcg	tccacgttga	catctattct	gtcaagtatt	900
ctttattcag	tgagccagaa	aaacacgggt	tcgagtttcc	acttataaca	tggtgtggct	960
acggaggaaa	gtacaatttt	agtgttactg	ctccatgtgg	agatacagtt	acaggagacg	1020
acggtaccaa	aatagttgtg	ggttcatgtg	cttgcccttc	agttcgagta	aattgggatg	1080
gagctcacta	cactgaagct	gccaatgaat	attttttcga	ccagatttct	acaggagcct	1140
tctctgatcc	ccctgttcca	ttgaatatgg	catgtcataa	aactgaatca	ttgaggacat	1200
tagcctctgt	atagggtata	tgaaagtgtc	ttgctgaaag	cccgtataa	aaatgaggaa	1260
taataataaa	tgagaaacca	ttgattatgt	taggattcac	ttggtttcta	tcataataat	1320
ctatctgttg	tatatacaac	agttgtatga	aatagtttct	tgtaataaag	acttgtcttt	1380
ctccggtttc	ccta					1394

<210> 2

<211> 39

<212> DNA

<213> Hevea brasiliensis

<400> 2
 ctaccaacta ctattatacc tgctcatggt ggatttagt 39

<210> 3
 <211> 30
 <212> DNA
 <213> Hevea brasiliensis

<400> 3
 taccttgatg tccaatatcc gcaattccgg 30

<210> 4
 <211> 27
 <212> DNA
 <213> Hevea brasiliensis

<400> 4
 tattctttat tcagtgagcc agaaaaa 27

<210> 5
 <211> 464
 <212> PRT
 <213> Hevea brasiliensis

<220>
 <221> VARIANT
 <222> (1)...(464)
 <223> Xaa = Any Amino Acid

<400> 5
 Ala Gly Ala Leu Thr Leu Gly Phe Cys Phe His Phe Met Glu Phe Pro
 1 5 10 15
 Glu Thr Asn Asn Asn Pro Ile Ile Thr Leu Ser Phe Leu Leu Cys Met
 20 25 30
 Leu Ser Leu Ala Tyr Ala Ser Glu Thr Cys Asp Phe Pro Ala Ile Phe
 35 40 45
 Asn Phe Gly Asp Ser Asn Ser Asp Thr Gly Gly Lys Ala Ala Ala Phe
 50 55 60
 Tyr Pro Leu Asn Pro Pro Tyr Gly Glu Thr Phe Phe His Arg Ser Thr
 65 70 75 80
 Gly Arg Tyr Ser Asp Gly Arg Leu Ile Ile Asp Phe Ile Ala Glu Ser
 85 90 95
 Phe Asn Leu Pro Tyr Leu Ser Pro Tyr Leu Ser Ser Leu Gly Ser Asn
 100 105 110
 Phe Lys His Gly Ala Asp Phe Ala Thr Ala Gly Ser Thr Ile Lys Leu
 115 120 125
 Pro Thr Thr Ile Ile Pro Ala His Gly Gly Phe Ser Pro Phe Tyr Leu
 130 135 140
 Asp Val Gln Tyr Ser Gln Phe Arg Gln Phe Ile Pro Arg Ser Gln Phe
 145 150 155 160
 Ile Arg Glu Thr Gly Ile Phe Ala Glu Leu Val Pro Glu Glu Tyr
 165 170 175
 Tyr Phe Glu Lys Ala Leu Tyr Thr Phe Asp Ile Gly Gln Asn Asp Leu
 180 185 190
 Thr Glu Gly Phe Leu Asn Leu Thr Val Glu Glu Val Asn Ala Thr Val

<213> Hevea brasiliensis

<400> 8

Tyr Ser Leu Phe Ser Glu Pro Glu Lys
1 5